

09/937243 #8
PATENT
Attorney Docket No. 6550-000038
Dmt
11-4-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frost :
Serial No: Unknown : Art Unit:
National Stage Filed: September 21, 2001 : Examiner:
For: SYNEHESIS OF 1,2,3,4-TETRA- :
HYDROXYBENZENES AND :
1,2,3-TRIHYDROXYBENZENES :
USING MYO-INOSITOL-1 :
PHOSPHATE SYNTHASE AND :
MYO-INOSITOL 2-DEHYDROG- :
GENASE :

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

This paper is submitted as a preliminary amendment. Please cancel claims 1-57 without prejudice or disclaimer and enter new claims 58-103 in accordance with the following rewritten claims in clean form prior to examination on the merits.

AMENDED CLAIMS REWRITTEN IN CLEAN FORM:

58. (New) A method for the production of 1,2,3,4-tetrahydroxybenzene, comprising:
a) incubating, in the presence of a carbon source, a first microbe comprising a recombinant DNA encoding *myo*-inositol-1-phosphate synthase and a second microbe which expresses inositol dehydrogenase activity to produce *myo*-2-inosose; and